

PIN	FUNCTION	COLOR
1	BRAKE (+)	RED
2	BRAKE (-)	BLUE



Connector Detail (Brake Wire)

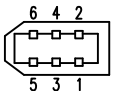
PIN	FUNCTION	COLOR
1	MOTOR U	YELLOW
2	MOTOR V	RED
3	MOTOR W	BLACK
4	MOTOR PE	YELLOW/GREEN



Housing:H66L6-04P  
Terminal:T66L6-B

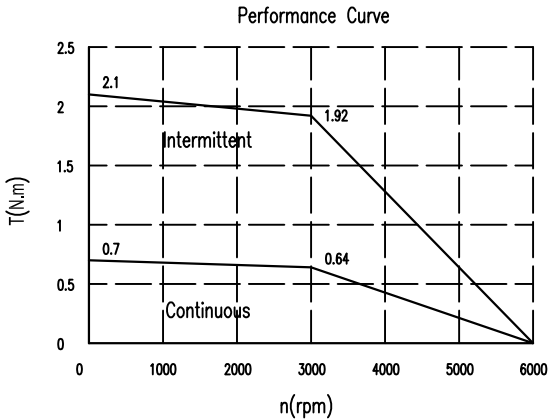
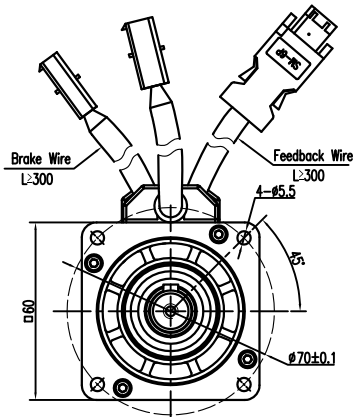
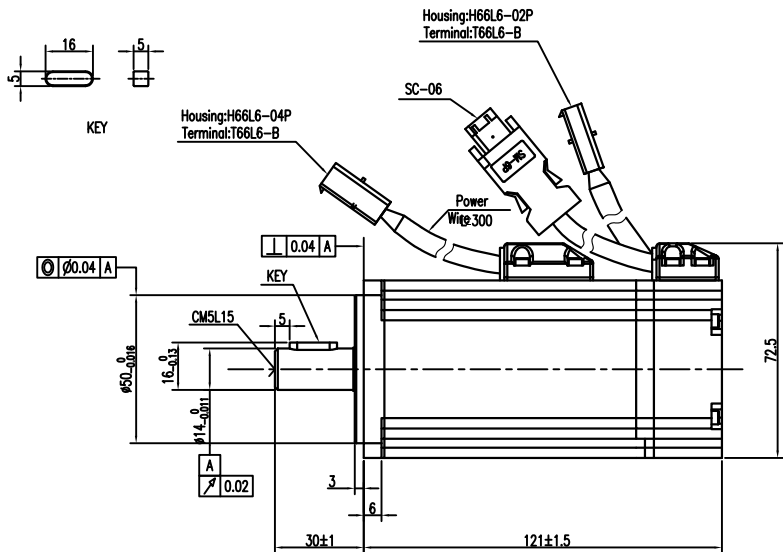
Connector Detail (Power Wire)

PIN	FUNCTION	COLOR
1	VCC +5V	WHITE
2	GND	BLACK
3	VB	ORANGE
4	GND	BROWN
5	SD	BLUE
6	/SD	PURPLE



SC-06

Connector Detail (Feedback Wire)



S/N:Z0BUK0SYDDNNNN

Brake Data

Static friction	1.5N.m
Voltage	24VDC
Power	7.6w

Technical Data

No. of poles	6	
DC Link Voltage $U_{dc}$ (DC Link)	300	
Rated Power $P_N$ (W)	200	
Rated Torque $T_N$ (N.m)	0.64	
Rated Speed $n_n$ (rpm)	3000	
Rated Current $I_N$ (A)	1.4	
Maximum torque $T_m$ (N.m)	1.92	
Maximum Current $I_m$ (A)	4.2	
Standstill torque $T_s$ (N.m)	0.7	
Standstill current $I_s$ (A)	1.5	
Resistance line-line $R_L$ ( $\Omega$ )	11.2	
Inductance line-line $L_L$ (mH)	20.9	
Electrical time constant $\tau_e$ (ms)	1.87	
Mechanical time constant $\tau_m$ (ms)	1.85	
Voltage constant $K_e$ (V/krpm)	29	
Torque constant $K_t$ (Nm/A)	0.48	
Rotor moment of inertia $J_m$ (Kg.cm <sup>2</sup> )	0.218	
Max. voltage rising $du/dt$ (KV/ $\mu$ s)	8	
Insulation class	F	
Max. radial force $F_r$ (N)	180	
Max. axial force $F_a$ (N)	90	
Weight(Kg)	1.6	
Feed back device	MAR-MX50A-HN00	
Temperature sensor	n.a.	
Cooling method	Totally enclosed non-ventilated	
protection level	IP65,shaft sealing IP54	
Environmental conditions	Temperature	-20C~40C
	Humidity	Below 90%RH (No dewing)
	Environment	Far away active gas,combustible gas,oil drop,ash.
	Installation altitude	UP TO 1000m:rated power, above 1000m:1.5% power decreasing per 100m,max.4000m
Rating conditions	Mounting	Aluminum flange 255x255x8mm
	Temperature	60K housing temperature ring at 40C ambient

DESIGN	DATE	P/N	9.5546SS
WYD	18-12-5	TITLE	Outside Drawing
LS	18-12-5	USED ON	SMS60S-0020-30KBA-3LSU
SL	18-12-5	DWG NO.	REV V1.0
SCALE		KINCO	
SHEET		OF	

UNLESS OTHERWISE SPECIFIED  
TOLERANCES  
DECIMALS: ANGULAR:  
X  $\pm 1$   
.X  $\pm 0.5$   
.XX  $\pm 0.25$   $\pm 0^{\circ}30'$   
.XXX  $\pm 0.1$   
UNIT: mm  
DO NOT SCALE DRAWING

MATERIAL  
CONTR.  
APPD  
FIRST ANGLE PROJECTION

CHECK  
LS  
SL  
SCALE  
SHEET

DATE  
18-12-5  
P/N  
9.5546SS  
TITLE  
Outside Drawing  
USED ON  
SMS60S-0020-30KBA-3LSU  
DWG NO.  
REV  
V1.0  
KINCO